



## Daily System Generation Summary on Thursday

Thursday, March 14, 2024

### Availability at Daily Maximum Demand Hour

ST-Coal	8,756 MW
ST-Gas	140 MW
ST-Oil	0 MW
LSS	1,340 MW
Hydro	2,263 MW
Distillate	0 MW
Others	0 MW
Gas	9,767 MW
Co-Gen	0 MW
<b>Total System</b>	<b>22,266 MW</b>

### Maximum Demand Record

Date: 5/11/2023	19,716 MW
Date: 3/26/2024	420,162 MWH

### Gas Usage

Station	(mmscfd)	Station	(mmscfd)
<b>Total Gas</b>		<b>Total</b>	
<b>0</b>		<b>0</b>	

### Alternate Fuel Usage

### Set On Bus And MD

Daily Maximum Demand Hour at:	20:30:00 Hour
Total Set On Bus	20,336 MW
Spinning Reserve	988 MW
Maximum Demand	19,369 MW
Net Energy	407,928 MWH
Load Factor	88 %

**Total Gas Required** **0**

### Generation Mix

Type	MWh	Percentage
ST-Coal	207,732	50.92 %
ST-Gas	4,446	1.09 %
LSS	9,776	2.40 %
Hydro	24,804	6.08 %
Gas	159,097	39.00 %
Co-Gen	-167	-0.04 %
<b>Total Generation</b>	<b>405,688</b>	<b>99.45 %</b>
PLTG	185	0.05 %
HVDC	-2,425	-0.59 %
<b>Interconnection</b>	<b>-2,240</b>	<b>-0.55 %</b>
<b>Net Energy</b>	<b>407,928</b>	<b>100.00 %</b>

### Fuel Cost

#### Average Spinning Reserve During Peak Hour

Type	MW
GT	984
Hydro	321
Syncon	497
Thermal	149
<b>Total</b>	<b>1,951</b>

Time	Weather	Temperature
Afternoon	Hot	35
Morning	Sunny	25

### Hourly System MW Generation

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
System Total	17387	16501	15751	15237	14833	14822	14868	14518	14673	15933	16541	16919	16788	16692	17959	18541	18711	18602	17913	18144	18914	19355	19001	18814

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Tuesday, April 2, 2024 5:35:08 PM

(Ir. Shanmugam Thoppalan)  
Head  
Grid System Operator



### Daily MW Generation on Thursday

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300																														
SYPS	HYDR	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18	18	18	0	0	0	0	83	102	102	102	102	102	102																								
TMGR	HYDR	227	227	227	128	95	62	62	62	62	62	62	62	62	110	110	220	270	270	270	270	320	320	320	320	320	320	320	320	320	320																								
UJLI	HYDR	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	90	97	98	200	198	199	84	99	186	88	94	88	194	278	266	271	94	90	89	91																			
Total Hydro		907	813	813	813	714	681	627	579	579	582	583	591	591	579	579	543	555	603	604	725	775	775	787	799	799	1046	1173	1267	1273	1273	1378	1376	1378	1399	1279	1341	1268	1276	1266	1601	1830	1816	1821	1644	1640	1641	1504							
Total Distillate		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Total Solar		0	0	0	0	0	0	0	0	0	0	0	0	0	6	122	331	556	751	911	1066	1140	1230	1241	1265	1273	1243	1210	1193	1139	1080	975	917	756	631	302	142	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESTL	ESTL	25	21	13	12	16	24	26	18	15	18	15	25	26	27	27	31	22	29	27	24	28	26	23	22	23	24	24	18	24	12	10	9	9	6	13	18	11	7	17	21	14	15	14	11	10	9	18	22						
PCUF	CUFG	23	22	24	23	23	23	22	23	24	23	23	24	24	25	25	26	24	23	22	21	20	22	19	20	21	20	20	19	21	19	19	21	20	20	22	21	22	22	22	22	21	22	21	22	21	20	22							
PCUF	CUFK	30	31	29	31	28	30	30	30	31	32	31	29	29	29	30	30	27	30	31	31	30	30	29	29	29	29	29	27	30	30	28	30	30	29	29	29	29	29	29	29	29	29	29	30	28	29	29	30	30					
PFTZ	PFTZ	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	7	8	7	7	8	8	8	8	8	8	8	8	8	8	8	8	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9					
Total NEDA Co-Gen		85	81	73	73	74	84	86	77	75	80	77	86	86	87	89	93	86	90	84	83	88	85	83	79	80	82	81	75	79	69	69	64	67	66	71	76	71	66	77	81	76	75	75	69	70	68	77	83						
Total NEDA Solar		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total Generation		17215	16747	16312	15981	15585	15317	15062	14747	14653	14613	14607	14579	14681	14813	14537	14347	14678	15477	15927	16229	16526	16763	16909	17042	16801	16727	16776	17426	18116	18489	18666	18849	18846	18917	18764	18310	18050	18017	18259	18447	19016	19451	19448	19370	19088	18872	18678	18389						
KHTC	BLK1	-59	-57	-57	-71	-67	-68	-71	-53	-43	-41	-43	-43	-43	-42	-43	-44	-48	-53	-56	-58	-61	-64	-68	-70	-69	-147	-151	-132	-134	-135	-135	-136	-132	-124	-119	-123	-118	-117	-117	-117	-106	-103	-98	-107	-110	-98	-88							
Total Franchise Area		-59	-57	-57	-71	-67	-68	-71	-53	-43	-41	-43	-43	-43	-42	-43	-44	-48	-53	-56	-58	-61	-64	-68	-70	-69	-147	-151	-132	-134	-135	-135	-136	-132	-124	-119	-123	-118	-117	-117	-117	-106	-103	-98	-107	-110	-98	-88							
Singapore		15	-7	2	-11	14	5	2	14	25	14	-11	6	18	7	8	11	-8	-35	-27	-55	-41	-41	-42	-22	-25	12	-30	-24	57	29	23	53	34	0	80	45	46	41	32	14	16	9	23	28	14	18	13	19						
Thailand		-244	-244	-245	-245	-245	-246	-245	-245	-246	-244	-246	-245	-30	-28	-30	-28	-30	-28	-28	-28	-28	-28	-28	-28	-29	-29	-29	-28	-31	-29	-28	-31	-28	-28	-28	-29	-29	-30	-30	-28	-30	-30	-30	-31	-247	-245	-244							
Interconnection		-228	-251	-243	-256	-230	-240	-243	-231	-220	-232	-255	-240	-227	-23	-20	-19	-35	-66	-55	-83	-69	-69	-70	-51	-53	-16	-59	-53	29	-2	-6	25	3	-28	51	17	18	13	1	-16	-12	-21	-7	-2	-17	-228	-231	-225						
Total Demand		17387	16944	16501	16169	15751	15492	15237	14928	14833	14807	14822	14779	14868	14796	14518	14326	14673	15499	15933	16260	16541	16775	16919	17029	16788	16678	16692	17332	17959	18361	18541	18693	18711	18817	18602	18187	17913	17890	18144	18349	18914	19369	19355	19277	19001	18993	18814	18529						
S.Rev ST-Coal		111	115	85	67	82	85	79	152	176	132	151	137	147	138	150	241	184	119	112	108	113	116	130	115	116	132	133	121	166	142	150	229	173	173	174	125	158	170	122	121	129	134	142	134	116	130	205	220						
S.Rev CCGT-Gas		904	821	962	1086	1369	1611	1820	1905	2073	2165	2150	2209	2097	1963	2229	2502	2439	1966	1547	1618	1696	1629	1565	1548	1820	1901	2105	1575	989	882	712	574	422	482	674	950	1181	1147	828	643	453	357	387	487	620	738	785	609						
S.Rev ST-Gas		5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	-5	11	7	12	-9	-6	-6	-4	-1	-1	7	8	8	11	18	5	30	20	18	32	43	93	92	15	27	9	-7	18	8	1	48									
S.Rev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
S.Rev Co-Gen		0	-1	-1	2	0	0	0	0	0	-1	0	0	0	1	2	2	-2	1	1	0	-2	2	0	-1	0	-2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	-3	1	0	0	-2	3	-1	0	0				
Syncon		651	651	651	651	651	739	978	978	978	978	978	978	978	978	978	978	802	802	802	802	802	802	802	802	802	802	802	676	676	489	489	489	302	302	302	338	338	151	338	338	338	151	151	151	151	338	338	338	338					
Hydro		465	409	409	409	508	453	268	328	328	328	328	328	328	328	352	352	304	303	346	296	296	296	296	296	296	300	198	291	285	285	367	369	367	310	405	506	416	408	418	520	291	305	300	290	294	293	280							
S.Reserve Total		2136	1990	2101	2210	2605	2883	3140	3358	3549	3598	3601	3647	3545	3403	3682	4070	3946	3363	2952	2881	2917	2836	2787	2754	3030	3128	3213	2577	1943	1806	1647	1490	1271	1354	1516	1836	2028	2113	1786	1613	1268	988	1065	1142	1456	1545	1622	1495						